

FISH STREAM SURVEY FIELD REPORT

ADFG FILE COPY

Date: 6-13-83 *update*~~4-6-83~~ 5-93Camp: South Shateen Timber SaleUnit: 25Stream Catalogue #: 103-60-05

Road: _____

Quad Map: Craig C-4T 72S R 79E Sect 11

SPECIES PRESENT

STAGE OF DEVELOPMENT

TYPE OF FISH HABITAT

Salmon Rearing	<u>Excellent</u>	Good	Fair	Sq. Yds.	_____
Salmon Spawning	<u>Excellent</u>	Good	Fair	Sq. Yds.	_____
Resident Rearing	<u>Excellent</u>	Good	Fair	Sq. Yds.	_____
Resident Spawning	<u>Excellent</u>	Good	Fair	Sq. Yds.	_____

Is future fish habitat enhancement possible? YES _____ NO X

If so, Describe: _____

Fish Present Above Road Crossing: _____

Below Road Crossing: _____

Within Unit Boundary: X

Below Unit Boundary: X

YES

NO

Fish stream(s) intersection(s) marked with Metal Tags: Road _____ Uni: _____

Fish stream(s) Flagged: BLUE/WHITE ✓ ORANGE/WHITE _____ GREEN/WHITE _____

Fish streams Traversed: YES _____ NO _____

Traverse notes Attached: YES _____ NO _____

Is Additional Parameter Information Necessary? YES _____ NO _____

If so Describe: _____

Stream No. #:	<u>14</u>	<u>14A</u>	_____	_____	_____
(°F) Temp.:	<u>50°</u>	<u>1</u>	_____	_____	_____
(Ft.) Length	_____	_____	_____	_____	_____
(Ft.) Width	<u>10-12'</u>	<u>3-4'</u>	_____	_____	_____
Depth	<u>30" pools</u>	<u>12"</u>	_____	_____	_____

103v *7/8 pools*

Methods used to determine presence of fish: *Electroshocker*

Stream #	Date	#Fish	Species	Length	Gear	Time
14	6-7-83	Many	Coho	1-2"		
03/4A	"	"	Coho, Dolly V.	"		

Pertinent Wildlife Information:

Comments: *Saw a buck*

Survey Crew Members:

Tom Kogut

Gene Stagner

Signature

Tom Kogut

Date

6-13-83

Report Reviewed By:

Gene Stagner *rum*

Signature

Title

11/17/83

Date

Recommendations: *Unstable stream banks on trib 14. Split yarding to yard away from stream. leave all 12" and less diameter trees within 100' of stream*

TIMBER HARVEST - INDEPENDENT

UNIT # _____

STREAM # 14 and 18A

ROAD # _____

STATION # _____

Primary Stream Course Protection (Blue/White Flagging) *TR 14 is flagged to confluence*
 Fisheries Habitat and/or Chronically Unstable Stream Courses *W TR 14"*

The following fish stream protection prescriptions and recommendations apply.
 (Special Provisions B 6.5 and C 6.51)

- ✓ 1. Directional falling (to include lining and/or jacking) of timber away from stream course.
- ✓ 2. No limbing of timber inadvertently felled into stream course (to include windthrow). Yard timber in lengths to maximize lift. (This will require a written waiver to permit bucking in the stream course.).
- ✓ 3. Immediate removal of any debris introduced into stream course (to include felled trees which are marked for removal) during timber harvest. Deposit debris in a stable location above high water mark.
4. Windthrow and/or felled trees impacting stream course will be marked for "leave" and "take" timber.
 - a. Timber (to include rootwads) marked with blue ribbon should be removed in a manner to protect the integrity the stream course as much as possible.
 - b. Timber (to include rootwads) marked with yellow ribbon shall be left in place or will require special consideration (waiver) prior to removal.
- ✓ 5. Time timber harvest (to include windthrow) within 200 feet of spawning area of stream courses to avoid adverse impact to salmonid redds and/or pre-emergent fry. (Optimum time for harvest: approximately April 15 to August 15.). *TR 14 only*
6. Hazard (leaning) trees along stream course shall be identified and marked by Sales Administrator and felled concurrent with yarding.
- ✓ 7. ~~Split the yarding along stream courses or full suspension of timber and/or products over protected streamcourses.~~
8. Protected primary stream courses within timber harvest unit are traversed for inclusion on sales release map.
9. Recommend input from Wildlife, Soil Scientist, and/or Hydrologist.

Additional Comments:

UNIT 25

Stream #14

This stream runs through the middle of unit 25. It is approx. 20' wide (bank-to-bank). Low water conditions were present when we checked it, so channel width was less, $\approx 6-10'$ and 3-5" deep with pools to 24". Gradient was gentle, generally $< 4\%$, and the substrate was gravel. This stream is braided in several spots, with floodplains exhibiting a luxurious growth of currant, Devil's club and salmonberry. Banks were generally unstable, with slumps evident at several locations - slopes averaged $\approx 30\%$.

This is excellent coho rearing and salmon spawning habitat. Coho fry were numerous throughout. The main problem here seems to be the unstable banks. Full suspension will be a necessity.

Stream 14A

This is a small trib which flows into the above creek near the western edge of the unit. Bank-to-bank width is $\approx 4'$, channel width was less due to low flow conditions. The first 150' upstream from the confluence is steep, with a gradient of $\approx 7\%$. Substrate here is bedrock / cobbles + gravel. Only fair coho rearing habitat exists in isolated pools. Above this section the stream flattens out, with the gradient dropping to 2%. Coho habitat

is good in this upper section. Again the sideslopes are steep (30%) and unstable. Full suspension will be required.

N

Map not to scale

Lazlo Cr.
103-60-05

UNIT 25

TRIB 14

Stream
14A

